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AND RELATED ENGINEERING SCIENCE

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# Reviews

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# Abbreviations of Publications Reviewed

## (Supplementary List)

The following list of abbreviations of publications reviewed is supplementary to the one published in the February 1956 (Vol. 9, No. 2, Sec. two) issue of APPLIED MECHANICS REVIEWS.\* It covers only those additional publications which have been received since that time. Other previously published lists will be found in AMR 1, July, December 1948; 5, February 1952, Sect. two; 7, February 1954, Sect. two.

### A

ABH. BRAUNSCHWEIG. WISS. GESELLSCH.—Braunschweigische wissenschaftliche Gesellschaft, Abhandlungen

ACAD. REPUB. POP. ROM. COMUN.—Academei Republicii Populare Romane, Comunicariile, Bucharest

ACAD. REPUB. POP. ROM. REV. MECAN. APPL.—Academei Republicii Populare Romane, Revue Mecanique Appliquee, Bucharest

ACAD. SERB. SCI. PUB. INST. HYDROTECH. "JAROSLAV CERNI"—Belgrad. Hidrotehnicki Institut "Inzenjer Jaroslav Cerni, Academie Serbe des Sciences, Publications des Institut (Srpska Akademija Nauka)

ACQUE—L'Acque

ACTA CRYST.—Acta Crystallographica, Copenhagen

ACTA PHYS. HUNG. BUDAPEST—Acta Physica Hungaricae, Budapest

ACTA SCI. SINICA—See Scientia Sinica, Peking

ADVANCES IN PHYSICS—Advances in Physics, London

AERO. RES. LAB., MELBOURNE, AUSTRAL. NOTES—Aeronautical Research Laboratories, Melbourne, Australia, Notes

AGARDOGRAPH—Agardograph

AICHE J.—American Institute of Chemical Engineers, Journal, New York

AKAD. NAUK ARMYAN. SSSR DOKLADI—Akademiya Nauk Armyanskoi SSSR, Dokladi

AKAD. NAUK ARMYAN. SSR IZV. FIZ. MAT. ESTEST. TEKH. NAUK—Akademiya Nauk Armyanskoi SSR Izvestiya, Fiziko-Matematiki, Estestvennye Tekhnicheskie Nauk

AKAD. NAUK AZERBEIDZHAN SSR, TRUDI ENERG. INST.—Akademii Nauk Azerbeidzhan SSR, Trudi Energeticheskogo Instituta

AKAD. NAUK URSR DOPOVIDI—Akademiya Nauk Ukrains'koi Radyans'koi Socialistichonoi Respubliki, Kiev, Dopovid

AKUST. ZH.—Akusticheski Zhurnal, Moscow

AMER. J. SCI.—American Journal of Science, Yale University, New Haven, Conn.

AMER. MATH. MONTHLY—American Mathematical Monthly

ANN. GEOPHYS.—Annales de Geophysique, Paris

ASSN. TECH. AUTO.—see ATA

ATA—Associazione tecnica dell'Automobile, Turin

ATTI ACCAD. LIGURE SCI. LETTERE—Atti della Accademia Ligure di Scienze e Lettere

AUTOMATION AND REMOTE CONTROL—Automation and remote control (Consultants' Bureau Translation)

### B

BRL, ABERDEEN PROV. GR.—Ballistic Research Laboratories, Aberdeen Proving Ground, Maryland (U.S. Army Ordnance Corps)

BATTELLE TECH. REV.—Battelle Technical Review, Columbus, Ohio

BELGIAN ROY. SOC. ENGRS. INDUST., CENTRE NAT. ETUDES, REAC. AERO. MEM.—Belgian Royal Society of Engineers and Industrialists, Centre National d'Etudes et de Recherches Aeronautiques, Memoire

BRI. COAL UTILISAT. RES. ASSN. BULL.—British Coal Utilisation Research Association, Bulletin, London

BUCHERSCHAU—Bucherschau der Weltkriegebucherei, Stuttgart

BULL. ACAD. POLONAISE SCI. CL. IV.—Bulletin de L'Academie Polonaise des Sciences, Classe Quatre (Formerly BULL. INTERN. ACAD. POLON. SCI. LETTRES)

BULL. INTERN. ACAD. POLON. SCI. LETTRES—see Bull. Acad. Polonaise Sci. Cl. IV.

BULL. SOC. CHIM. BELGES—Societe Chimique de Belgique, Bulletin, Brussels

BULL. TOKYO INST. TECHNOL.—Tokyo Institute of Technology, Bulletin

BUR. ORD., DEPT. OF THE NAVY, WASH., D.C., BALLISTIC TN.—Bureau of Ordnance, Department of the Navy, Washington, D. C., Ballistic Technical Note

BROWN UNIV., DIV. APPL. MATH.—Brown University, Division of Applied Math., Providence, R. I.

### C

CALIF. INST. TECHNOL., HYDRODYNAMICS LAB.—California Institute of Technology, Hydrodynamics Laboratory, Pasadena, Calif.

CALIF. INST. TECHNOL., SO. CAL. COOP. WIND TUNNEL REP.—California Institute of Technology, Southern California Cooperative Wind Tunnel Report

CANAD. AERO. J.—Canadian Aeronautical Journal, Ottawa, Canada

CASOPIS PEST. MAT.—Casopis pro Pestovani Matematiki, Prague

CATHOLIC UNIV. AMER., DEPT. AERO. ENGG.—Catholic University of America, Department of Aeronautical Engineering

CHEM. ENGG. SCI.—Chemical Engineering Science (Genie Chimique) London

COMBUSTION AND FLAME—Combustion and Flame, London

CONSTRUCCIONES—Construcciones, Buenos Aires

CORNELL UNIV., SCHOOL AERO. ENGG.—Cornell University, School of Aeronautical Engineering, Ithaca, New York

CSIRO FOREST PROD. NEWSLETTER, AUSTRAL.—Council of the Scientific and Industrial Research Organization, Forest Products Newsletter, Melbourne, Australia

CSIRO TECH. PAP., AUSTRAL.—Council of the Scientific and Industrial Research Organization, Technical Papers, Melbourne, Australia

### D

DEFENCE SCI. J.—Defence Science Journal

DEFENSE RES. LAB., UNIV. TEXAS—Defense Research Laboratory, University of Texas

DTSCH. VERSUCHSANSTALT LUFTFAHRT BER.—Deutsche Versuchsanstalt fur Luftfahrt, Berichte, Berlin

### E

ENERGIETECHNICK—Energietechnik, Berlin

EUROPEAN SHIPBLDG.—European Shipbuilding, Oslo, Norway

### F

FOREST PROD. J.—Forest Products Journal, Madison, Wisconsin

FOREST PROD. RES. REP., DEPT. SCI. INDUST. RES., ENGLAND—Forest Products Research Report, Department of Scientific and Industrial Research, England

FORSCHUNGEN U. FORTSCHRITTE—Forschungen und Fortschritte, Berlin

FORSCHUNGSBER. WIRTSCH. VERKEBRIMIN.—North Rhine. Westphalia. Ministerium fuer Wirtschaft und Verkehr.

FORSK. TEKN.—Forskning och Teknik, Stockholm

### G

GEOFIS. PURA APPL.—Geofisica pura e applicata, Milano

GIDROTEKH. I MELIOR.—Gidrotekhnika i Melioratsiia, Moscow

### H

HEAT. VENTIL.—Heating and Ventilating, New York

HOLZ ROH- U. WERKSTOFF—Holz als Roh- und Werkstoff, Berlin (Deutsche Gesellschaft fuer Holzforschung)

### I

IBM J. RES. DEVEL.—Journal of Research and Development, International Business Machines, New York

INDUST. MINER., ROME—Industria Mineraria, Rome

INGEGNERE—L'Ingegnere, Rome

INST. STROMUNGSMECH. TECH. HOCHSCHULE BRAUNSCHWEIG REP.—Brunswick. Technische Hochschule Carolo-Wilhelmina, Institute fur Stromungsmechanik, Berichte.



INSTN. HALLFASTHETSLARA, KTH, STOCKHOLM, PUBL.—Institutionen for Hallfasthetslara, Kungl. Tekniske Hogskolan, Stockholm

## J

J. APPL. CHEM. USSR—Journal of Applied Chemistry, USSR (Consultants' Bureau Translation)

J. ARCHITECT. INST. JAPAN—Journal of the Architectural Institute of Japan

J. FLUID MECH.—Journal of Fluid Mechanics, London

J. CHEM. SOC. JAPAN—Journal of the Chemical Society of Japan, Tokyo

J. INDUST. ENGG.—Journal of Industrial Engineering, Columbus, Ohio

J. JAPAN. SOC. TEST. MAT.—Journal of the Japan Society for Testing Materials

J. NUCLEAR ENERGY—Journal of Nuclear Energy, London

J. OCEANOGR. SOC. JAPAN—Journal of the Oceanographical Society of Japan (Kaiyo Gakki Shi)

J. OPERAT. RES. SOC. AMER.—see Operat. Res.

J. SOC. NAV. ARCH. JAPAN—Journal of the Society of Naval Architects, Tokyo (Zosen Kyokai)

J. TECHNOL.—Journal of Technology, Bengal College of Engineering and Technology, Calcutta (Post Office, Botanic Garden, Howrah, India)

JAHRBUCH Wiss. Gesellsch. Luftfahrt—Jahrbuch der wissenschaftliche Gesellschaft fur Luftfahrt, Berlin

## K

KAIYO GAKKI SHI—see J. Oceanogr. Soc. Japan

KALTETECHNIK—Kaltetechnik, Karlsruhe, Germany

KYUSHU UNIV. RES. INST. APPL. ELECTRICITY—Kyushu University Research Institute for Applied Electricity, Fukuoka, Japan

## L

LAB. NAC. ENGEN. CIV. LISBOA PUB.—Portugal. Ministerio das Obras Publicas. Laboratorio de Engenharia civil, Publicacao

L'INGEGNERE—see INGEGNERE

## M

MAGYAR FIZ. FOLY.—Magyar fizikai Folvoirat, Budapest

MASS. INST. TECHNOL., TECH. REP.—Massachusetts Institute of Technology, Technical Report

MEM. FAC. ENGG., KUMAMOTO UNIV.—Memoirs of the Faculty of Engineering, Kumamoto University

MERES ES AUTOMAT.—Meres es Automatika, Budapest

## N

NPG REP.—U. S. Naval Proving Ground, NPG Report, Dahlgren, Va.

NASE GRADEVINARSTVO—Nase Gradevinarstvo, Beograd

NAT. AERO. ESTABL. CANAD., QUART. BULL.—National Aeronautical Establishment Canada, Quarterly Bulletin

NAT. RES. COUNC. CANAD., DIV. MECH. ENGG., QUART. BULL.—National Research Council of Canada, Division of Mechanical Engineering, Quarterly Bulletin

NAUCH. ZAP. MOSK. INST. VOD. KHOZIAISTVO—Nauchnye Zapiski Moskovskogo Instituta Vodnogo Khoziaistvo

NETHERLANDS J. AGRIC. SCI.—Netherlands Journal of Agriculture Science, Wageningen, Netherlands

NEW YORK UNIV. COLL. ENGG., METEOR. PAP.—New York University, College of Engineering, Meteorological Papers

NORGES TEKN.-NATURVITENSK. FORSKNING. SKIPTTEKN. FORSKNINGINSTIT., TRONDHEIM, MEDD.—Norges Teknisk Naturvitenskapelige Forskningsraad Shipteknisk Forskningsinstitut, Trondheim, Meddelelser

## O

OCHANOMIZU UNIV., TOKYO, NATUR. SCI. REP.—Ochanomizu University, Tokyo, Natural Sciences Report

OPERAT. RES.—Operations Research (Formerly J. OPERAT. RES. SOC. AMER.), Baltimore, Md.

## P

POLSKA AKADEMIA NAUK—see Bull. Acad. Polonaise Sci. Cl. IV

PORT ENGR.—Port Engineer, Calcutta

POWER—Power, New York

PRACTICAL BUILDER—Practical Builder, Chicago, Ill.

PRINCETON UNIV., DEPT. OF AERO. ENGG. REP.—Princeton University, Department of Aeronautical Engineering Report

PROC. AMER. SOC. CIV. ENGRS. AT (J. AIR TRANSP. DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Air Transport Division)

PROC. AMER. SOC. CIV. ENGRS. CP (J. CITY PLANNING COMM.)—Proceedings of the American Society of Civil Engineers (Journal of the City Planning Commission)

PROC. AMER. SOC. CIV. ENGRS. EM (J. ENGG. MECH.)—Proceedings of the American Society of Civil Engineers (Journal of the Engineering Mechanics Division)

PROC. AMER. SOC. CIV. ENGRS. HW (J. HIGHWAY DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Highway Division)

PROC. AMER. SOC. CIV. ENGRS. HY (J. HYDR. DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Hydraulics Division)

PROC. AMER. SOC. CIV. ENGRS. IR (J. IRRIG. DRAINAGE DIV.)—Proceedings of the American Society of Civil Engineers (Journal of Irrigation and Drainage Division)

PROC. AMER. SOC. CIV. ENGRS. PO (J. POW. DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Power Division)

PROC. AMER. SOC. CIV. ENGRS. SA (J. SAN. ENGG. DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Sanitary Engineering Division)

PROC. AMER. SOC. CIV. ENGRS. SM (J. SOIL MECH. FOUND. DIV.)—Proceedings of the American Society of Civil Engineers (Journal of Soil Mechanics and Foundations Division)

PROC. AMER. SOC. CIV. ENGRS. ST (J. STRUCT. DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Structural Division)

PROC. AMER. SOC. CIV. ENGRS. SU (J. SURVEY MAPPING DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Survey and Mapping Division)

PROC. AMER. SOC. CIV. ENGRS. WW (J. WWYS. AND HARBORS DIV.)—Proceedings of the American Society of Civil Engineers (Journal of the Waterways and Harbors Division)

## R

RADEX RUNDSCHAU—Radex Rundschau, Austria

RENSSELAER POLYTECH. INST. AERO. ENGG.—Rensselaer Polytechnic Institute Aeronautical Engineering, Troy, New York

RENSSELAER POLYTECH. INST. TECH. REP.—Rensselaer Polytechnic Institute Technical Reports, Troy, N.Y.

REP. TRANSPORT. TECH. RES. INST.—Report of the Transportation Technical Research Institute, Japan

REP. INST. INDUST. SCI., TOKYO UNIV.—Report of the Institute of Industrial Science, Tokyo University

ROY. INST. TECHNOL., STOCKHOLM, DIV. STRENGTH OF MATERIALS PUBL.—See Instn. Hallfasthetslara, KTH, Stockholm

## S

SCIENCE SEC., DEPT. HYDR. STRUCT., UNIV. ROME—see UNIVERSITA DI ROMA, SCIENCE SEC., DEPT. HYDR. STRUCT.

SCIENTIA SINICA—Scientia Sinica, Peking

SOVIET J. ATOMIC ENERGY—Soviet Journal of Atomic Energy (Consultants' Bureau Translation)

SPRAW. POLSK. AKAD. UMIEJ.—Sprawozdania, Polska Akademia Umiejetnossi, Krakow

SRPSKA AKADEMIJA NAUK—see Acad. Serb. Sci. Pub. Inst. Hydrotech. "Jarslav Cerni"

STATE INST. TECH. RES., FINLAND—State Institute of Technical Research, Finland (Finland. Valtion Teknillinen Tutkimuslaitos)

STEVENS INST. TECHNOL., EXP. TOWING TANK REP.—Stevens Institute of Technology, Experiment Towing Tank Report, Hoboken, N. J.

STUDIA GHISLERIANA—Studia Ghisleriana, Italy

SVEN. VATTENKRAFTFOREN.—Svenska Vattenkraftforeningen Publikationen, Stockholm

SWEDISH CEM. CONCR. RES. INST. BULL.—Swedish Cement Concrete Research Institute Bulletin (Stockholm. Tekniska Hogskolan Svenska Forskningsinstitutet for Cement och Betong)

## T

TECH. COLLEGE, HOSEI UNIV., TOKYO, REP.—Technical College of Hosei University, Tokyo, Report

TECH. U. BETR.—Technik und Betrieb, Vienna

TIMBER TECHNOL.—Timber Technology and Machine Woodworking, Wood Preservation, and Seasoning, London

TRANS. INST. CHEM. ENGRS.—Transactions, Institution of Chemical Engineers, London

TRANS. SOC. INSTRUM. TECHNOL.—Transactions of the Society of Instrument Technology, Kent, England

## U

UCHEN. ZAP. KARELO-FINSKOGO UNIV.—Uchenye Zapiski Karelo-Finskogo Universiteta

UNIV. MINN. INST. TECHNOL., MECH. ENGN. DEPT. TR.—University of Minnesota Institute of Technology, Mechanical Engineering Department Technical Report

UNIV. MINN. INST. TECHNOL., ROSEMOUNT AERO. LAB. RES. REP.—University of Minnesota Institute of Technology, Rosemount Aeronautical Laboratory Research Report

UNIV. SO. CALIF. ENGN. CENTER.—University of Southern California Engineering Center

UNIV. TECHNOL., SCHOOL CIV. ENGN. AUSTRAL., BULL.—New So. Wales University of Technology, School of Civil Engineering, Australia, Bulletin

UNIVERSITA DI ROMA, SCIENCE SEC., DEPT. HYDR. STRUCT.—University of Rome, Science Section, Department of hydraulic Structures

UNIVERSITA DI ROMA—Scuola di Ingegneria Aeronautica, Rome SIARgraph

U. S. BUR. MINES, BULL.—U. S. Bureau of Mines, Bulletin

U. S. BUR. MINES, R. I.—U. S. Bureau of Mines, Report of Investigations

U. S. GEOLOGICAL SURVEY WATER SUPPLY PAP.

U. S. NAV. ORD. LAB. REP.—U. S. Naval Ordnance Laboratory Report

## V

VIRGINIA POLYTECH. INST. WOOD RES. LAB. BULL.—Virginia Polytechnic Institute Wood Research Laboratory Bulletin, Blacksburg, Va.

## W-Z

WADC TR.—U. S. Air Force Department, Wright Air Development Center Technical Report, Dayton, Ohio

Z. ELEKTROCHEMIE—Zeitschrift für Elektrochemie, Halle, Germany

Z. PHYSIKAL. CHEM.—Zeitschrift für Physikalische Chemie, Frankfurt, Germany

ZH. FIZ. KHIM.—Zhurnal Fizicheskoi Khimii, Moscow

ZOZEN KHOKAI—see J. Soc. nav. Arch., Japan